11/15/04

## **PATENT**

Attorney Docket No. 39238-0034



# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

### PATENT APPLICATION

Inventor(s): Edward W. Knowlton, et al.

Art Unit: 3739

Application No.: 10/783,974

**Examiner: Unassigned** 

Filed: February 20, 2004

Title: Fluid Delivery Apparatus

## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents Washington, D.C. 20231

Sir:

Listed below on an attached Form PTO-1449 is information known to applicant(s). A copy of each listed publication and U.S. and foreign patent, along with a concise explanation of information in a foreign language, if any, except for pending U.S. applications is attached or is identified with an asterisk as having been previously cited in priority **U.S. Patent Application No.:** 10/072,610, filed: 02/06/2002, pursuant to 37 C.F.R. §1.97-1.98.

1.98(d) A copy of any patent, publication or other information listed in an information disclosure statement is not required to be provided if it was previously cited by or submitted to the office in a prior application, provided that the prior application is properly identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with MPEP §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

⊠ apply):	This st	atemen	t qualifies under 37 C.F.R. §1	97, subsection (b) because (check all that						
		(1)	It is being filed within 3 month than a continued prosecution OR	ns of the application filing date and is other application under § 1.53(d)						
		(2)		ns of entry of a national stage						
	$\boxtimes$	(3)	It is being filed before the ma	il date of the first Office Action on the merits						
		(4)	It is being filed before the ma request for continued examin	iling of a first Office Action after the filing of a ation under § 1.114.						
	beyond of the mailing	d the filinational date o	ng date of a national application stage as set forth in §1.491 in f a first Office action on the m	g filed after the latest of: (1) three months on; (2) three months beyond the date of entry an international application; or (3) the erits, but before the mailing date of the or a notice of allowance under §1.311, then:						
		a certif	ication as specified in §1.97(e	e) is provided below; <b>or</b>						
				(p) is authorized below, enclosed, or apers filed together with this statement.						
	a final	87 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of final office action under §1.113 or a notice of allowance under §1.311, but before payment of the issue fee, then:								
	A.	a certif	ication as specified in §1.97(e	e) is completed below; and						
	B.		on under 37 C.F.R. §1.97(d) r ted herewith; <b>and</b>	equesting consideration of this statement is						
	C.			(i)(1) is authorized below, enclosed, or apers filed together with this statement.						
	Fee Authorization. The Commissioner is hereby authorized to charge the above-referenced fees of and charge any additional fees or credit any overpayment associated with this communication to <b>Deposit Account No.</b> <u>08-1641 (Docket No. 39238-0034)</u> .									
				Respectfully submitted,						
		(	1. (4.6	HELLER EHRMAN WHITE & MCAULIFFE						
Dated:		<u> </u>	(1/04	By: Paul Davis, Reg. No. 29,294						

275 Middlefield Road Menlo Park, CA 94025-3506 (650) 324-7000 Customer No. 25213

# INFORMATION DISCLOSURE STATEMENT

PTO-1449

**EXAMINER** 

APPLICANT Knowlton et al.	
39238-0034	0/783,974
ATTY. DOCKET NO. SI	ERIAL NO.

FILING DATE 02/20/2004 **GROUP 3739 U.S. PATENT DOCUMENTS EXAMINER'S** PATENT NO. DATE NAME CLASS **SUBCLASS** FILING **INITIALS** DATE 11/01/2001 2001/0037118 Shadduck 2002/0016601 02/07/2002 Shadduck 2002/0019625 02/14/2002 Azar 09/05/2002 2002/0123743 Shanks, et al. 2002/0161362 10/31/2002 Penny et al. 2002/0183724 12/05/2002 Neev 2002/0183789 12/05/2002 Neev 2003/0023283 01/30/2003 McDaniel 2003/0028186 02/06/2003 Kreindel 02/13/2003 Altshuler et al. 2003/0032950 2003/0040739 02/27/2003 Koop 2003/0059386 03/27/2003 Sumian et al. 04/03/2003 Koop et al. 2003/0065313 04/03/2003 2003/0065314 Altshuler et al. 2003/0069567 04/10/2003 Eckhouse et al. FOREIGN PATENT DOCUMENTS TRANSLATION **EXAMINER'S** PATENT NO. DATE **COUNTRY CLASS SUBCLASS INITIALS** YES NO 1 430 850 12/5/2003 EP  $\boxtimes$ OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED

### ATTY. DOCKET NO. SERIAL NO. INFORMATION DISCLOSURE **STATEMENT** 39238-0034 10/783,974 APPLICANT Knowlton et al. PTO-1449 FILING DATE 02/20/2004 **GROUP 3739 U.S. PATENT DOCUMENTS EXAMINER'S** PATENT NO. DATE NAME CLASS **SUBCLASS FILING INITIALS** DATE 2003/0097162 05/22/2003 Kreindel 2003/0129154 07/10/2003 McDaniel 2003/0130710 07/10/2003 Baker et al. 2003/0139740 07/24/2003 Kreindel 2003/0163178 08/28/2003 Davison et al. 2003/0187488 10/02/2003 Kreindel et al. 2003/0233138 12/18/2003 Spooner 2003/0236487 12/25/2003 Knowlton 2004/0015157 01/22/2004 Connors et al. 2004/0133251 07/08/2004 Altshuler et al. 07/29/2004 Altshuler et al. 2004/0147984 2004/0162549 08/19/2004 Altshuler 2004/0199226 10/07/2004 Shadduck 4,585,237 04/29/1986 Koop FOREIGN PATENT DOCUMENTS **SUBCLASS** TRANSLATI **EXAMINER'S** PATENT NO. DATE **COUNTRY** CLASS **INITIALS** ON YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED **EXAMINER**

### ATTY. DOCKET NO. SERIAL NO. INFORMATION DISCLOSURE **STATEMENT** 39238-0034 10/783,974 APPLICANT Knowlton et al. PTO-1449 **GROUP 3739** FILING DATE 02/20/2004 **U.S. PATENT DOCUMENTS SUBCLASS EXAMINER'S** PATENT NO. DATE **NAME** CLASS FILING DATE **INITIALS** 4,646,737 03/03/1987 Hussein et al. 4,709,372 11/24/1987 Rando et al. 4,864,098 09/05/1989 Basanese et al. 01/02/1990 Rando et al. 4,891,820 5,011,483 04/30/1991 Sleister 5,057,104 10/15/1991 Chess 04/28/1992 Guibert et al. 5,107,832 5,131,904 07/21/1992 Markoll 5,136,676 08/04/1992 Arnett et al. 5,190,031 03/02/1993 Guibert et al. 5,312,395 05/17/1994 Tan et al. 5,344,418 09/06/1994 Ghaffari 11/15/1994 Mehl 5,364,394 5,387,176 02/07/1995 Markoll FOREIGN PATENT DOCUMENTS **EXAMINER'S** PATENT NO. DATE **COUNTRY** CLASS **SUBCLASS** TRANSLATI ON **INITIALS** YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**EXAMINER** 

DATE CONSIDERED

### ATTY. DOCKET NO. SERIAL NO. INFORMATION DISCLOSURE **STATEMENT** 39238-0034 10/783,974 APPLICANT Knowlton et al. PTO-1449 FILING DATE 02/20/2004 **GROUP 3739** U.S. PATENT DOCUMENTS **EXAMINER'S** PATENT NO. DATE **CLASS SUBCLASS FILING** NAME DATE **INITIALS** 5,397,327 03/14/1995 Koop et al. 5,401,272 03/28/1995 **Perkins** 04/11/1995 5,405,368 **Eckhouse** 5,454,808 10/03/1995 Koop et al. 5,486,172 01/23/1996 Chess 5,509,916 04/23/1996 **Taylor** 5,522,814 06/04/1996 Bernaz 5,599,342 02/04/1997 Hsia et al. **Eckhouse** 5,620,478 04/15/1997 5,626,631 05/06/1997 Eckhouse 5,628;744 05/13/1997 Coleman et al. 09/23/1997 Markoll -5,669,868 5,683,380 11/04/1997 Eckhouse et al. 02/24/1998 5,720,772 Eckhouse FOREIGN PATENT DOCUMENTS **EXAMINER'S** PATENT NO. DATE COUNTRY CLASS **SUBCLASS** TRANSLATI **INITIALS** ON YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) **EXAMINER** DATE CONSIDERED

INFORMATION DISCLOSURE STATEMENT			ATTY. DOCKET NO. 39238-0034			IAL NO. 33,974	·		
PTO-1449			APPLICANT Knowlton et al.						
		FILING DATE 02/20/2004 GROUP 3739							
		U.	S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO. DATE		NAME	CLA	SS	SUBCLASS	FILING DATE		
	5,730,719	03/24/1998	Edwards						
	5,755,751	05/26/1998	Eckhouse						
	5,814,040	09/29/1998	Nelson et al.						
	5,849,029	12/15/1998	Eckhouse et al.			•			
	5,851,181	12/22/1998	Talmor						
	5,879,346	03/09/1999	Waldman et al.						
	5,885,273	03/23/1999	Eckhouse et al.						
	5,979,454	11/09/1999	Anvari et al.						
	5,997,530	12/07/1999	Nelson et al.						
	6,015,404	01/18/2000	Altshuler et al.			·			
	6,027,495	02/22/2000	Miller						
	6,050,990	04/18/2000	Tankovich et al.						
	6,053,909	04/25/2000	Shadduck						
	6,147,503	11/14/2000	Nelson et al.					-	
FOREIGN PATENT DOCUMENTS									
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLA	SS	SUBCLASS	TRAN O	SLATI N	
							YES	NO	
· · · · · · · · · · · · · · · · · · ·									
<del>.</del>						• .			
	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
		·							
EXAMINER			DATE CONSIDERED						

### ATTY. DOCKET NO. SERIAL NO. INFORMATION DISCLOSURE **STATEMENT** 39238-0034 10/783,974 APPLICANT Knowlton et al. PTO-1449 FILING DATE 02/20/2004 **GROUP 3739 U.S. PATENT DOCUMENTS EXAMINER'S** PATENT NO. DATE **NAME** CLASS **SUBCLASS** FILING **INITIALS** DATE 6,159,194 12/12/2000 Eggers et al. 6,171,301 01/09/2001 Nelson et al. 6,183,773 02/06/2001 Anderson 02/13/2001 Azar et al. 6,187,001 03/13/2001 Pope et al. 6,200,308 6,214,034 04/10/2001 Azar 6,248,103 06/19/2001 Tannenbaum et al. 07/03/2001 6,254,594 Berry 6,267,758 07/31/2001 Daw et al. Eckhouse et al. 6,280,438 08/28/2001 **McDaniel** 6,283,956 09/04/2001 10/09/2001 Shadduck et al. 6,299,620 6,387,103 05/14/2002 Shadduck 06/11/2002 Neev 6,402,739 6,408,212 06/18/2002 Neev FOREIGN PATENT DOCUMENTS TRANSLATI **EXAMINER'S** PATENT NO. DATE **COUNTRY** CLASS SUBCLASS ON **INITIALS** YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) **EXAMINER** DATE CONSIDERED

			1							
INFORMATION DISCLOSURE STATEMENT			ATTY. DOCKET NO. SERIAL NO. 10/783,974							
PTO-1449			APPLICANT Knowlton et al.							
			FILING DATE 02/20/2004	GRO	OUP 3739					
		U.	S. PATENT DOCUMENTS			·				
EXAMINER'S INITIALS	1		NAME	CLASS	SUBCLASS		ING .TE			
	6,413,253	07/02/2002	Koop et al.							
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	6,451,007	09/17/2002	Koop et al.							
	6,463,336		Mawhinney							
	6,485,484	11/26/2002	Connors et al.							
	6,488,696	12/03/2002	Cho et al.							
	6,508,813	01/21/2003	Altshuler							
	6,514,243	02/04/2003	Eckhouse et al.							
	6,514,244	02/04/2003	Pope et al.							
	6,533,775	03/18/2003	Rizoiu							
	6,569,155	05/27/2003	Connors et al.			-				
	6,600,951		Anderson							
-	6,605,079		Shanks et al.							
	6,612,212	12/19/2000	Kreindel et al.							
	6,623,454	09/23/2003	Eggers et al.							
	6,629,974	10/07/2003	Penny et al.							
FOREIGN PATENT DOCUMENTS										
EXAMINER'S INITIALS	ER'S PATENT NO. DATE		COUNTRY	CLASS	SUBCLASS	1	SLATI N			
						YES	NO ,			
,										
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc										
				·						
					•					
FYAMINER			DATE CONSIDERED							

	<del></del>				*			
INFORMATION DISCLOSURE STATEMENT			ATTY. DOCKET NO. SERIAL NO.					
			39238-0034 10/783,974					
			APPLICANT Knowlton et al.					
	PTO-1449	!	FILING DATE 02/20/2004	GROUP 3739				
		U.	S. PATENT DOCUMENTS					
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FIL: DA	1	
	6,632,218	10/14/2003	Furumoto et al.					
,	6,649,904	11/18/2003	Hayashi et al.					
	6,653,618	11/25/2003	Zenzie			,		
	6,662,054	12/09/2003	Kreindel et al.					
	6,666,856	12/23/2003	Connors et al.					
	6,702,808	03/09/2004	Kreindel					
	6,702,838	03/09/2004	Anderson, et al.					
	6,723,090	04/20/2004	Altshuler et al.				•	
	6,743,222	06/1/2004	Durkin et al.					
	6,749,602	06/15/2004	Sierra et al.					
	6,758,845	07/06/2004	Weckwerth et al.					
	RE 36,634	03/28/2000	Ghaffari					
•			·					
****		FOR	EIGN PATENT DOCUMENTS	•				
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATI ON		
	·					YES	NO	
	OTHER DO	CUMENTS (	Including Author, Title, Date, Pe	rtinent Pa	ges, Etc.)			
					· · · · · · · · · · · · · · · · · · ·			
EXAMINER			DATE CONSIDERED					